

KEYSCAN DVR3-2TB

QUALITY | RELIABILITY | VERSATILITY

Keyscan DVR3 - 2TB Features

Keyscan's DVR3 combines all the flexibility of our DVR2 model with some new features to meet the growing demand of our industry today. The new Keyscan DVR3 is a true hybrid DVR with hard drive expansion capability, offering outstanding capacity of up to 8 Terabytes (8TB) of video storage*.

The Keyscan DVR3 now features a total of 20 video channels made up of 4 digital (IP) channels and 16 analog video channels which include 4 "hybrid" channels. You can utilize one or more of these 4 available "hybrid" channels for additional digital (IP) cameras bringing the maximum number of available digital (IP) video channels to 8. To manage this increase in IP channels, the DVR3 features a powerful video decoder and processor, allowing the Keyscan DVR3 to easily accommodate multi-faceted video camera configurations.

With 480 pps across all channels at D1 setting, it offers impressive video resolution. To capture this high rate of video quality the DVR3 utilizes H.264 video compression technology, allowing remarkable storage capacity with uncompromising crisp and clean image quality. The DVR3 also supports main monitor resolution as high as 1080p.

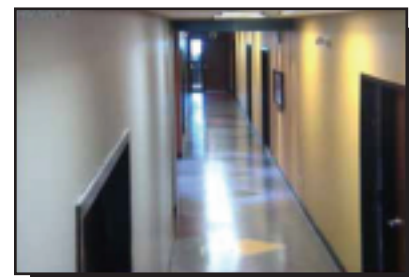
Most importantly, Keyscan DVR3 can be used as a stand-alone unit, or be fully integrated with Keyscan's access control management software. The Keyscan DVR3 provides the reliability and simplicity you have come to expect from Keyscan.

*8TB of storage available with the DVR3-4TB, and two USB external 2TB (EXT-2TB) expansion hard drives (See ordering options)



DVR3 Benefits

- 480 PPS recording at D1 resolution (NTSC) (Up to 30 PPS per camera) Slightly greater than 4CIF
- 16 analog channel output / input, including 4 'hybrid' digital/analog video channels
- Up to 8 channel IP camera support (utilizing 4 available 'hybrid' video channels)
- 2 megapixel IP camera support
- ONVIF camera support
- H.264 Video Compression
- HDMI (Main Monitor) Output
- 16 audio inputs
- NTP time synchronization
- Gigabit LAN port
- USB Mouse Support
- Easy-Menu System
- Built-in DDNS
- IR Remote Control
- 16 Alarm Inputs



Integration Made Easier FREE K-TV Voucher

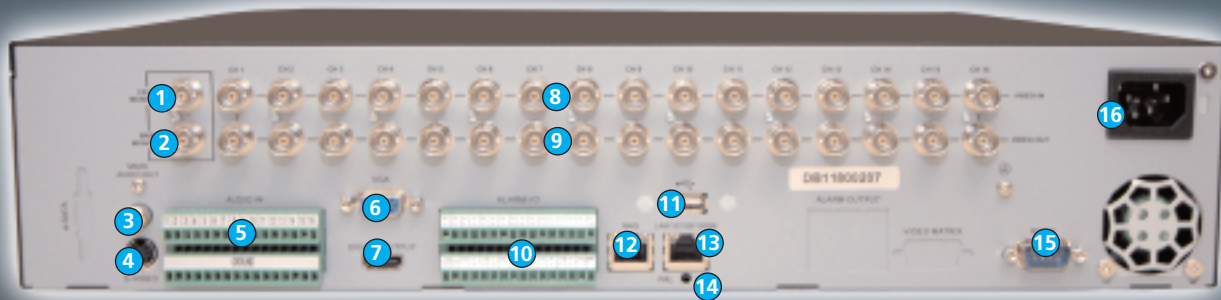
Receive a voucher for one free video software module (K-TV) license allowing full integration with Keyscan's industry-leading access control management software with DVR3 purchase.

Keyscan DVR3 - Specifications Overview

VIDEO			
Operation System	Embedded (Linux)		
Video Standard	NTSC/PAL Switch selectable		
Input	BNC x 16, 1.0Vp-p/75 ohm (with enhanced ground loop filtering)		
Input IP Devices	Up to 8ch (megapixel cameras supported) Call Keyscan for details		
Output	Main Monitor	BNC x 1, 1.0Vp-p/75 ohm, HDMI x 1, VGA	
	Call Monitor	BNC x 1, 1.0Vp-p/75 ohm	
	Loop	BNC x 16, 1.0Vp-p/75 ohm	
Digital Display Output	800x600 (BNC, S-Video, Composite only), 1024x768, 1280x1024, 720p, 1080p		
Picture Refresh Rate	NTSC: 30pps/channel; PAL: 25pps/channel		
AUDIO			
Input	Terminal block x 16, Line-in		
Output	RCA x 1, Line-out		
Compression Method	ADPCM, G.726		
RECORDING			
Compression Method	H.264		
Recording Mode	Schedule, Alarm, Motion detection		
Pre-Alarm	0-70 sec		
H.264	NTSC	720x480	480pps (16 ch)
	PAL	720x576	400pps (16 ch)
Recording Quality	8 presets, adjustable		
CCTV Resolution	D1 (slightly higher than 4CIF)		
Data Life Time	Yes (programmable)		
STORAGE			
Built-In Storage	2TB (DVR3-2TB) or 4TB (DVR3-4TB)		
Optional External Drive Expansion	Using available USB 2.0 ports (Ext 2TB drives)		
Export	3 x USB 2.0 ports, support thumb drive and DVD+RW		
ALARM			
Alarm Input	x16, Terminal block (TTL)		
Alarm Relay Output	x3, Terminal block, 3.0A/30 VDC or 3.0A/125 VAC		
Alarm Detection	N.C. / N.O., programmable		
Motion Detection	12 x 16 grid array, sensitivity, trigger level adjustable (analog cameras only)		
Video Loss Detection	Programmable		
COMMUNICATION			
Network Connectivity	Ethernet RJ-45 connector, 10/100/1000 Mbps		
Compatible IP Cameras*	Axis 200, Sony SNC, ACTi, AMTK, D7521, Etrovision, Panasonic, Toshiba, ONVIF, Flexwatch, HiKVision, Hunt, Lorex, Luxon, NW, OpenEye, Sanyo, ViVoTek 7000, Xip 3000		
Remote Operation	Monitoring, Playback, Recording, System Setup, Dome camera control, Archiving		
RS232C	D-Sub 9 Pin Male		
RS485	Terminal block (PTZ control)		
Dome Control Protocol	DSCP, Pelco P, Pelco D, AD422, Fastrax 2, Panasonic C, Panasonic N, JVC, GE RS-485, GE RS-422		
ORDERING OPTIONS			
DVR3-2TB	Two terabyte Keyscan DVR3		
DVR3-4TB	Four terabyte Keyscan DVR3		
EXT-2TB	Up to two (2x) with DVR2/3 for a total of 4TB additional memory		
CA-501K	Joystick for PTZ camera control (12VDC)		

*The camera brands listed may or may not be tested by third-party manufacturers. For full parameters, including tested cameras, contact Keyscan.

Keyscan DVR3 - Rear Panel



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|-----------------------------|--------------------------|---------------------------|
| 1 Call Monitor Output (BNC) | 7 HDMI Output | 13 LAN 10/100/1000 (RJ45) |
| 2 Main Monitor Output (BNC) | 8 Video Input | 14 NTSC/PAL switch |
| 3 Main Audio Output | 9 Video Looping | 15 RS-232 |
| 4 S-Video Output | 10 Alarm I/O and RS-485 | 16 Power Jack |
| 5 Audio Input | 11 USB 2.0 port (1 of 3) | |
| 6 VGA Output | 12 NAS (future use) | |



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KEY 2011-10

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